ABSTRACT

DATA FORMAT AND DATA TRANSFER

A Content Package comprises System, Picture, Audio and Auxiliary Items. A System Item comprises a set of metadata blocks. Picture, Audio and Auxiliary Items

5   each comprise one or more elements (Figure 2).

The System, Picture, Audio and Auxiliary Items have a common format comprising a 16 byte SMPTE Universal Label, a Word Count, and Data (Figure 5). Start and end codes are omitted from the Items. The Item Label has a predetermined length which are set to fixed value except for the byte identifying the Item to which the

10   label belongs.

The data of the System Item includes a set of Metadata blocks.

The set of metadata blocks has an initial Metadata Count byte defining the number of blocks in the set. A metadata block may include a metadata Link which links the metadata of that block to the essence of the element of the Auxiliary Item

15   with which element it is associated (Figure 10).

A plurality of Content Packages is concatenated to form a computer file allowing transfer and storage of the Content Packages as a file (Figure 11). Preferably each Content Package contains a compressed video frame.

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[Figures 2, 5 and 11]